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CONTRACT ENVIRONMENTAL SERVICE



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800/370-3677
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February 27, 1995

Louise Hawkins
1784 Picasso Ave. Suite A
Davis, CA 95616

Dear Ms Hawkins,

Don Easley ask me to send some information about our testing procedure and possible time frame for testing the underground storage tank at Lynden Farms.

I am also enclosing some information about our equipment and our company for your files.

The tentative date for testing will be during the first week in March. Possibly the 9th or 10th.

Contract Environmental Service (CES) specializes in underground storage systems testing. Our company was established in 1991, during which time we have tested for numerous federal, state, county and city agencies as well as large corporations, small businesses and service stations.

We use the UST/2000 underfill systems test, the Hassteck ACURITE PRODUCT LINE TESTER for both pressurized and suction line testing. We use the RED JACKET (MARLEY PUMP) mechanical line leak detector field test apparatus for line leak detector testing. We are certified to install, service, repair, test and calibrate most types of automatic gauging and monitoring systems. We also do stage II vapor recovery testing, dynamic back pressure and blockage testing.

Our services are available 24 hours a day 7 days a week enabling you to have this work done with as little "down" time or interruption to normal business as possible.

Our office hours are from 8 am to 5 pm Monday through Friday. Please feel free to call me with any questions you may have at 503/643-3677 or 1-800-370-3677.

Sincerely,

Linda Richards
Linda Richards

enc.

cc. Don Easley

USEPA SF



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CONTRACT ENVIRONMENTAL SERVICE
Underground Storage Tank Systems
Testing

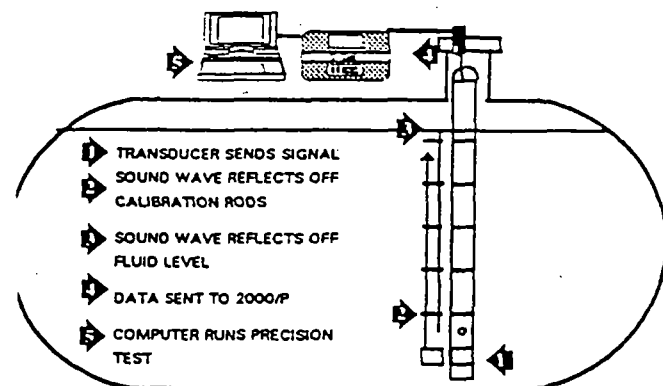
UST 2000 System

Operational Procedures/Specifications

The UST 2000 System is a unique precision testing system that utilizes proprietary software combined with ultrasonic and sonic measurement techniques to test 100% of an underground storage tank. The computerized, user-friendly UST 2000 System unit exceeds all United States Federal E.P.A. requirements (40CFR, Parts 280 and 281) and is certified by two nationally recognized independent research institutes. System components for the UST 2000 System are the UST 2000/P volumetric underfill test, the UST 2000/U sonic ullage test and the UST 2000 large tank analysis software and probes (if necessary).

The UST 2000 System underfill test (UST 2000/P) identifies changes in tank fluid levels by measuring the speed that sound travels through petroleum products. Fiberglass probes are lowered into each tank. The 2000/P stimulates a transducer on the bottom of the probe that creates ultrasonic sound waves inside the tank and subsequently measures the time required for a sound wave to travel to specific calibration points on the probe and the fluid level itself. The data is recorded and stored on a computer and mathematical formulas provided in the computer program compensate for thermal expansion or contraction of the fluid. The UST 2000/P system configuration includes equipment to test up to six tanks, includes six probes and allows you to test tanks up to 45,000 gallons.

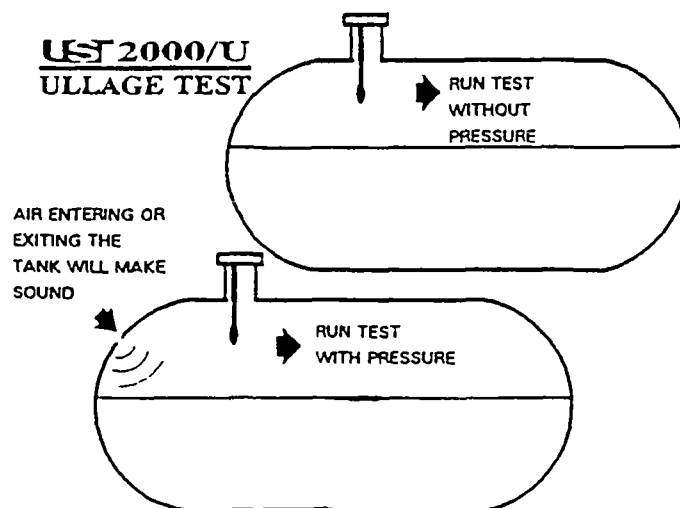
UST 2000/P **UNDERFILL TEST**



- Fully computerized data acquisition and processing
- Tests 500 to 45,000 gallon tanks
- Setup time of 30 minutes for up to 6 tanks
- Average test time of 3 hours
- No fuel delivery necessary
- Accurate, instantaneous results are known before testing equipment is removed from tanks
- Operator able to visually monitor temperature and level changes while running test
- Compensation for high water table
- Tests up to 6 tanks at one time
- Fully portable

The UST 2000 System ullage test (UST 2000/U) tests the empty or dry portion of the tank. A sonic microphone that is attached to a highly sensitive amplifier is lowered into a tank, the tank is sealed, and a reading is taken of the noise level in the tank. Non-toxic, non-flammable nitrogen gas is then pumped into the tank and another reading is taken. A leak in the ullage portion of the tank can be detected by the testing equipment as it "listens" for the sound signature of air escaping through a hole. The UST 2000/U test is not a pressure decay test, but rather is a high-tech method of identifying and recording a leak in the ullage of an underground storage tank. As a second alternative, the UST 2000/U can conduct a test without nitrogen by utilizing a near-perfect vacuum combined with a computerized digital sound identification system.

UST 2000/U **ULLAGE TEST**



- 100% test of UST if used with UST 2000/P underfill test
- Five minute test
- No fuel delivery necessary
- Accurate, instantaneous results are known before testing equipment is removed from tanks
- Capability to simulate an overfill test
- Compensation for high water table
- Exceeds all U.S. EPA regulations
- Fully portable